



PATENT APPLICATION

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TC 2800 MAIL ROOM

In re the Application of

Masahiro KOBAYASHI et al.

Group Art Unit: 2834

Application No.: 09/991,718

Examiner: G. PEREZ

Filed: November 26, 2001

Docket No.: 111195

For: STATOR STRUCTURE OF VARIABLE RELUCTANCE RESOLVER

INFORMATION DISCLOSURE STATEMENT

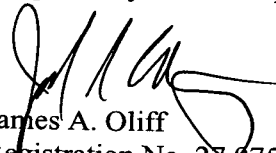
Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☒ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. English-language Abstracts of non-English language references 2 and 4-7 are attached hereto.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

Joel S. Armstrong
Registration No. 36,430

JAO:JSA/zmc
Date: May 16, 2002

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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Sheet 1

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MAIL ROOMForm PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
111195APPLICATION NO.
09/991,588

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Masahiro KOBAYASHI et al.FILING DATE
November 26, 2001GROUP
2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	3,194,993	07/13/1965	C. B. HACKNEY et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	2	JP 2001-324353 abstract only	11/22/2001	JAPAN		
	3	JP A 2001-324352	11/22/2001	JAPAN		
	4	JP A 4-364336 w/ abstract	12/16/1992	JAPAN		
	5	JP A 61-218335 w/ abstract	09/27/1986	JAPAN		
	6	JP A 5-146106 w/ abstract	06/11/1993	JAPAN		
	7	JP A 11-341729 w/ abstract	12/10/1999	JAPAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: May 16, 2002



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
P, X	DATABASE WPI Section EI, Week 200216 Derwent Publications Ltd., London, GB; Class S02, AN 2002-118428 XP002194152 -& JP 2001 324352 A (TAMAGAWA SEIKI CO LTD), 22 November 2001 (2001-11-22) * figures 1-3 *	1	H02K3/44 H02K3/50 H02K15/12
X	----- PATENT ABSTRACTS OF JAPAN vol. 17, no. 238 (E-1363), 13 May 1993 (1993-05-13) -& JP 04 364336 A (SHIBAURA ENG WORKS CO LTD), 16 December 1992 (1992-12-16) * abstract; figures 1-3 *	1	
A	----- PATENT ABSTRACTS OF JAPAN vol. 11, no. 59 (E-482), 24 February 1987 (1987-02-24) -& JP 61 218335 A (MATSUSHITA ELECTRIC IND CO LTD), 27 September 1986 (1986-09-27) * abstract; figures 1-4 *	1	
A	----- PATENT ABSTRACTS OF JAPAN vol. 17, no. 535 (E-1439), 27 September 1993 (1993-09-27) -& JP 05 146106 A (MATSUSHITA SEIKO CO LTD), 11 June 1993 (1993-06-11) * abstract; figures 1-3 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H02K
A	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 3, 30 March 2000 (2000-03-30) -& JP 11 341729 A (MITSUBISHI ELECTRIC CORP), 10 December 1999 (1999-12-10) * abstract; figures 1-6,8-11 *	1	
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 25 March 2002	Examiner Beitner, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 3 194 993 A (C. B. HACKNEY ET AL.) 13 July 1965 (1965-07-13) * column 2, line 14-38 * * column 2, line 54-77; figures 1-5 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 25 March 2002	Examiner Beitner, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 81 1153

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-03-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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